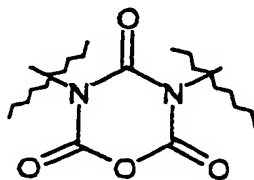


Amendments to the Claims

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

1. (Original) A process for producing a polyisocyanate or a polyisocyanate secondary product containing at least one allophanate group, which carries at least one acrylate, methacrylate or vinyl ether double bond on the oxygen atom of the allophanate group, said oxygen atom being bound by two single bonds, comprising the step of reacting a polyisocyanate or a polyisocyanate secondary product containing at least one oxadiazinetriene group (formula 1)



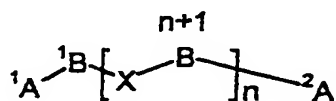
Formula 1

with an alcohol containing an acrylate, methacrylate or vinyl ether double bond at temperatures of from -20 to 100°C .

2. (Original) The process according to Claim 1, wherein the reaction takes place in the presence of a basic catalyst.
3. (Original) The process according to Claim 2, wherein the catalyst has a $\text{pK}_a > 7.5$.
4. (Original) The process according to Claim 2, wherein the catalyst contains an amine.
5. (Original) The process according to Claim 1, wherein the reaction is performed in the presence of at least one stabiliser.

6. (Original) The process according to Claim 1, wherein the reaction is performed in the presence of 2,6-di-tert.-butyl-4-methyl phenol.
7. (Original) The process according to Claim 1, wherein the polyisocyanate containing an oxadiazinetriene group is produced from 1,6-hexamethylene diisocyanate.
8. (Original) The process according to Claim 1, wherein the polyisocyanate carries free isocyanate groups or capped isocyanate groups.
9. (Original) The process according to Claim 1, wherein the reaction is performed in the presence of a further polyisocyanate or a polyisocyanate secondary product having 0.1 to 10 wt.% uretdione groups.
10. (Original) The process according to Claim 1, characterised in that a polyfunctional alcohol is additionally used.
11. (Currently amended) A polyisocyanate or polyisocyanate secondary product produced by the process according to Claim 1, the polyisocyanate comprising 2-35 wt.% allophanate groups, 0.1-5 wt.% uretdione groups, 0-5 wt.% oxadiazinetriene groups and 0.1-25 wt.% urethane groups.
- 12-14 (Cancelled)
15. (Original) The polyisocyanate or polyisocyanate secondary product according to Claim 11 containing a stabiliser selected from the group comprising phenols, HALS amines or phenothiazines.

16. (Currently amended) The polyisocyanate or polyisocyanate secondary product according to Claim 12 11 containing structural elements having formula 2



Formula 2

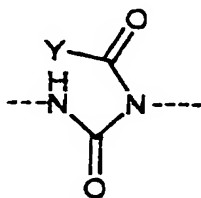
wherein

¹A and ²A represent isocyanate or isocyanate secondary products containing iminooxadiazinedione, isocyanurate, uretdione, urethane, allophanate, biuret, urea or oxadiazinetriene structures and carrying the aliphatic, cycloaliphatic or araliphatic radicals ¹B to ⁿ⁺¹B ~~ited below~~ in N position, where ¹B and ⁿ⁺¹B can be the same or different.

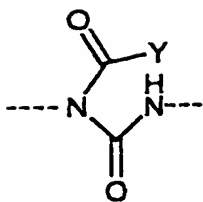
~~¹B to ⁿ⁺¹B represent the same or different radicals produced by modelling the two isocyanate groups of an aliphatic, cycloaliphatic or araliphatic diisocyanate,~~

X represents one of the structures X-1 and/or X-2,

and optionally small amounts of the same or different radicals of isocyanate secondary products containing iminooxadiazinedione, isocyanurate, uretdione, urethane, allophanate, biuret, urea or oxadiazinetriene structures,



Structure X-1



Structure X-2

Y represents an organic radical -OR containing at least one activated double bond;

n is a number greater than one and less than 20 and represents the mean of all molecules having formula 2 present in the compound according to the invention.

17. (Currently amended) A composition selected from coating compositions, adhesive compositions, curing composition systems, and sealing compositions containing ~~compounds produced by the process according to Claim 1~~ at least one polyisocyanate or polyisocyanate secondary product produced according to Claim 11.

18. (Currently amended) Substrates having a coating containing a reaction product of ~~the polyisocyanate mixture or the mixture of polyisocyanate secondary products~~ at least one polyisocyanate or polyisocyanate secondary product produced according to Claim 11.

19. (Original) Substrates according to Claim 18, wherein the substrate material comprises one or more of wood, metal, plastic and mineral substances.

20. (Currently amended) The polyisocyanate or polyisocyanate secondary product according to Claim ~~42~~ 11 containing a stabiliser selected from the group comprising phenols, HALS amines or phenothiazines.

21. (Cancelled)